

## RESOURCES

- caBIG® Overview:  
<http://cabig.cancer.gov>
- Tool Inventory and Descriptions:  
<https://cabig.nci.nih.gov/tools>
- DSIC Workspace:  
[https://cabig.nci.nih.gov/working\\_groups/DSIC\\_SLWG](https://cabig.nci.nih.gov/working_groups/DSIC_SLWG)
- DSIC Knowledge Center:  
[https://cabig-kc.nci.nih.gov/DSIC/KC/index.php/Main\\_Page](https://cabig-kc.nci.nih.gov/DSIC/KC/index.php/Main_Page)
- Detailed information about caBIG®, including training, compatibility, etc: <https://cabig.nci.nih.gov>
- For general information about “Getting Connected with caBIG®”: [https://cabig.nci.nih.gov/getting\\_connected](https://cabig.nci.nih.gov/getting_connected)

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# Getting Connected with caBIG®

## DATA SHARING AND SECURITY FRAMEWORK

caBIG® tools and infrastructure provide the technological infrastructure and capabilities that are necessary to facilitate data sharing among researchers, physicians, and patients in support of expedited translational research and enhanced patient care. However, there are important non-technical considerations, such as the appropriate protection of patient privacy and intellectual property concerns, which must be addressed to fully leverage the power of modern information technologies.

**The caBIG® Data Sharing and Security Framework (DSSF) facilitates appropriate data sharing between and among organizations by addressing legal, regulatory, policy, proprietary, and contractual barriers to information exchange.**

The DSSF consists of policies, processes, model agreements, and other materials that are developed and adopted by participating organizations. These resources cover critical issues, such as the creation of rules for accepting user authentication credentials from other institutions; standards for the levels of security that are needed for different types of data; and suggestions on how to share data subject to the Health Insurance Portability and Accountability Act (HIPAA) Privacy and Security Rules, as well as other applicable laws, regulations, and policies.

By providing participants with the resources to facilitate data sharing, the DSSF complements other caBIG® technology bundles that have been designed to help support and streamline clinical trials, imaging, tissue banking, and integrative cancer research.

This document provides an introduction to the caBIG® Data Sharing and Security Framework, including an overview of relevant tools, their specific objectives, and the ways in which participating cancer centers may contribute to the ongoing development and adoption of this critical set of resources.

Additional information is available online at  
[https://cabig.nci.nih.gov/working\\_groups/DSIC\\_SLWG/data\\_sharing\\_policy](https://cabig.nci.nih.gov/working_groups/DSIC_SLWG/data_sharing_policy).

